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REMARKS

Claims 1-23 are pending in the application. Claims 1-23 were rejected under 35 U.S.C. § 103 (a).

Rejections Under 35 U.S.C. § 103 (a)

Claims 1-13, 16-21 and 23 were rejected under 35 U.S.C. § 103 (a) as being unpatentable over U.S. Patent Number 6,266,514 issued to O'Donnell on July 24, 2001 in view of U.S. Patent Number 6,308,071 issued to Kalev on October 23, 2001 and U.S. Patent Number 7,272,387 issued to Hsu et al. on September 18, 2007.

Claims 14 and 15 were rejected under 35 U.S.C. § 103 (a) as being unpatentable over O'Donnell in view of Kalev and Hsu, and further in view of U.S. Patent Application Number 20050119013 issued to Jeong et al. dated June 2, 2005.

Claim 22 was rejected under 35 U.S.C. § 103 (a) as being unpatentable over O'Donnell in view of Kalev and Hsu, and further in view of U.S. Patent Number 6,233,448 issued to Alperovich et al. on May 15, 2001.

Rejection Under O'Donnell, Kalev and Hsu

Claims 1-13, 16-21 and 23 were rejected under 35 U.S.C. § 103 (a) as being unpatentable over O'Donnell in view of Kalev and Hsu.

Applicants have avoided this ground of rejection for the following reasons.

Applicants' claim 1, as amended, now recites,

"a network component that employs a) one or more call characteristics to make a determination to initiate a request for one or more positions of one or more mobile stations and b) one or more call parameters to identify one or more cellular network cells associated with the one or more mobile stations, wherein at least one of the one or more call parameters employed to identify one of the one or more cellular network cells is a telephony number of at least one of the one or more mobile stations ...".

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As stated in the Office Action, O'Donnell does not teach or suggest "a network component that employs one or more call parameters to identify one or more cellular network cells associated with the one or more mobile stations". Also, O'Donnell and Kalev do not teach or suggest "wherein at least one of the one or more call parameters is a telephony number of the one or more mobile stations".

Hsu does not teach or suggest the limitation either. Applicants agree that Hsu discloses that cell phones are stored with a particular mobile station integrated services digital network (MSISDN). Also, when receiving an incoming call or initiating a call, the GSM knows the location area (LA) of the cellular phone, as stated in column 2, lines 32-36. "However, a single location area may cover more than 100 Base Transceiver Stations (BTSs), each BTS being designated to cover a specified area known as a cell", as stated in column 1, lines 26-28. Thus, a single location area may cover more than 100 cellular network cells, and the specific cell of the cellular phone is not identified. Furthermore, Hsu discloses in column 4, lines 58-67 to column 5, lines 1-10,

"There are three methods performed by GSM in determining the cell of the cellular phone 20. The first one is a cyclically paging. To assure that the cellular phone 20 is still online and in its cell, GSM will periodically page the cellular phone 20. The period of the cycle depends on applications. For example, the period is 30 minutes. The second one is an active paging which is employed when the GSM receives an incoming call of the phone 20. In case of the phone 20 being in a cell covered by the BTS 33, GSM knows the phone 20 is in LA1 via the location updating procedure. If there is an incoming call of the phone 20, GSM requests all BTSs (e.g., BTSs 30, 31, 32, 33, 34, and 35) controlled by the BSC 60 to perform a paging with respect to the phone 20 simultaneously and waits a response from the phone 20. If the response indicates that the cellular phone 20 is in a cell corresponding to the BTS 33, GSM requests the BTS 33 to establish a wireless connection and communicate with the phone 20. A third one is an active paging of cellular phone, which is employed when a cellular phone (e.g., the cellular phone 20) initiates a call."

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In essence, Hsu does not employ the MSISDN to identify the cell network cell of the cell phone.

By contrast, applicants' claim 1 recites, "wherein at least one of the one or more call parameters employed to identify one of the one or more cellular network cells is a telephony number of at least one of the one or more mobile stations". Thus, Hsu is missing the "one or more call parameters employed to identify one of the one or more cellular network cells is a telephony number" elements, as recited in applicants' claim 1.

Therefore the proposed combination of O'Donnell with Kalev and Hsu does not teach or suggest all of the limitations in applicants' claim 1, and therefore claim 1 is allowable over the proposed combination. Since claims 2-13, 16-17 and 22-23 depend from allowable claim 1, these claims are also allowable over the proposed combination.

Independent claims 18 and 21 each have a limitation similar to that of independent claim 1, which was shown is not taught by the proposed combination. For example, claims 18 and 21 recite, "wherein at least one of the one or more call parameters employed to identify one of the one or more cellular network cells is a telephony number of at least one of the one or more mobile stations". The proposed combination of O'Donnell, Kalev and Hsu does not teach or suggest this limitation for the above-mentioned reasons. Therefore, claims 18 and 21 are likewise allowable over the proposed combination. Since claims 19-20 depend from claim 18, these dependent claims are also allowable over the proposed combination.

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Rejections Under O'Donnell, Kalev, Hsu, Jeong and Alperovich

Claims 14 and 15 were rejected under 35 U.S.C. § 103 (a) as being unpatentable over O'Donnell in view of Kalev and Hsu, and further in view of Jeong.

Claim 22 was rejected under 35 U.S.C. § 103 (a) as being unpatentable over O'Donnell in view of Kalev and Hsu, and further in view of Alperovich.

Applicants respectfully traverse these grounds of rejection.

These rejections are based on the rejection under O'Donnell, Kalev and Hsu being proper. As that ground of rejection has been overcome, and none of the cited references teach or suggest "wherein at least one of the one or more call parameters employed to identify one of the one or more cellular network cells is a telephony number of at least one of the one or more mobile stations", as recited in applicants' independent claims 1, 18 and 21, the combination of O'Donnell with Kalev, Hsu, Jeong and Alperovich does not supply this missing element. Thus, this combination does not make obvious any of applicants' claims, all of which require the aforesaid limitation.

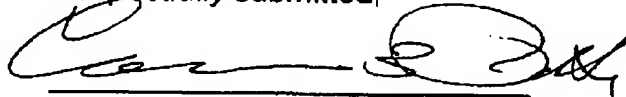
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Conclusion

It is respectfully submitted that the Office Action's rejections have been overcome and that this application is now in condition for allowance. Reconsideration and allowance are, therefore, respectfully solicited.

If, however, the Examiner still believes that there are unresolved issues, he is invited to call applicants' attorney so that arrangements may be made to discuss and resolve any such issues.

Respectfully submitted,



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